

IN THE CLAIMS:

Please **CANCEL** claim 17 without prejudice or disclaimer, **AMEND** claims 1, 2, 12, 13, 15, 18, and 21, and **ADD** claim 23, as follows:

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1. (CURRENTLY AMENDED) A method of playing back data on a storage medium having an audio region and a catalog information region in an area of the storage medium other than the audio region, the method comprising:

reading from the audio region audio data and catalog playback information;
~~and reading from the catalog information region~~ catalog information related to the read audio data ~~stored on the storage medium according to the catalog playback information~~, the catalog information including a still picture for a background image, a sub-picture for a caption, and navigation information for controlling the still picture and the sub-picture; and
 playing back the audio data, and, according to the read catalog playback information, ~~the played playing back the~~ still picture and the sub-picture, using the navigation information.

2. (CURRENTLY AMENDED) The method of claim 1, wherein the ~~storage medium has an~~ audio region for the audio data which includes an audio data recording region in which the audio data is recorded and an audio information recording region for the entire audio data and/or audio data in units of distinct items of the audio data and, in which is stored the catalog playback information for playing back the audio data in relation to the catalog information ~~is stored~~.

3. (ORIGINAL) The method of claim 1, wherein the storage medium has an audio data recording region in which the audio data is recorded and an image information region in which the still picture, sub-picture and navigation information are recorded.

4. (ORIGINAL) The method of claim 2, wherein the catalog playback information includes information on a location of the image information region in which the still picture, sub-picture and navigation information are recorded.

5. (ORIGINAL) The method of claim 4, wherein the catalog playback information further includes a file identifier and an auto presentation information table determining a location of the catalog information to be played back corresponding to a predetermined time in accordance with

real-time playback information of audio obtained from the audio data during real-time playing back.

6. (ORIGINAL) The method of claim 5, wherein the playing back the still picture and the sub-picture comprises playing back the still picture and the sub-picture according to a predetermined sequence stored in the auto presentation information table.

7. (ORIGINAL) The method of claim 1, wherein the playing back the still picture and the sub-picture comprises:

receiving a selection of a user; and

playing back the still picture and the sub-picture according to the selection of the user.

8. (ORIGINAL) The method of claim 7, wherein the playing back the still picture and the sub-picture comprises:

preferentially playing back the still picture and the sub-picture selected by the user; and

playing back the still picture and the sub-picture satisfying a predetermined condition.

9. (ORIGINAL) The method of claim 8, wherein the predetermined condition is a case of the user not selecting making the selection of the still picture and the sub-picture for a predetermined amount of time or setting a catalog auto presentation mode.

10. (ORIGINAL) The method of claim 1, wherein the playing back of the still picture and the sub-picture is performed simultaneously with the playing back of the audio data.

11. (ORIGINAL) The method of claim 2, further comprising storing the still picture and the sub-picture corresponding to the catalog playback information prior to the playing back of the still picture, the sub-picture and the audio data.

12. (CURRENTLY AMENDED) A method of recording data on a storage medium having an audio region and a catalog information region other than the audio region, comprising:

encoding audio data, catalog playback information, and catalog information related to the audio data during reproduction by the catalog playback information, wherein the catalog information includes a still picture for a background image, a sub-picture for a caption, and navigation information for controlling the still picture and the sub-picture; ~~and~~

recording the encoded audio data and the encoded catalog playback information in the audio region; and,

recording the encoded still picture, sub-picture and navigation information on the storage medium in the catalog information region.

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13. (CURRENTLY AMENDED) The method according to claim 12, further comprising:
defining file names of the catalog information for storage on the storage medium,
defining a region of the storage medium predetermined by a physical or logical address designated as a space for storing the catalog playback information, or
defining information indicating whether a file exists on the storage medium in which the catalog playback information is stored and a location of the file in a volume information region of the storage medium,
wherein the catalog playback information is for playing back the audio data in relation to the catalog information.

14. (ORIGINAL) The method according to claim 12, wherein the catalog information further comprises common catalog data for information commonly applied for the entire audio data recorded on the storage medium and title catalog data having information corresponding to each distinct item of the audio data, wherein the common catalog data comprises the still-picture and the title catalog data comprises the sub-picture.

15. (CURRENTLY AMENDED) The method according to claim 12, further ~~comprises~~comprising:
storing image information data represented by the still picture relating to the audio data and additional information represented by the sub-picture for transferring characters on the storage medium.

16. (ORIGINAL) The method according to claim 12, wherein the encoding comprises encoding the still picture and the sub-picture according a standard digital versatile disk-video (DVD-video) specification.

17. (CANCELLED)

18. (CURRENTLY AMENDED) The method according to claim 12~~7~~, wherein:

the still picture and the sub-picture are recorded in an image catalog title set of the image catalog information region, and

the catalog playback information is recorded in an audio management region of the audio region and the distinct items of the audio data in respective audio title sets of the audio region.

19. (ORIGINAL) The method according to claim 13, wherein the catalog playback information comprises locations of image information in which the still picture and the sub-picture are recorded, a file identifier, and an auto presentation information table in which is stored the locations of one item of the catalog information to be played back corresponding to a predetermined time according to real-time playback information of the audio data obtained by real-time playback of the audio data.

20. (ORIGINAL) The method according to claim 13, wherein the catalog playback information comprises locations of image information in which the still picture and the sub-picture are recorded, a file identifier, and an auto presentation information table in which is stored the locations of one item of the catalog information to be played back corresponding to a predetermined time according to real-time playback information of the audio data obtained by real-time playback of the audio data, the file identifier comprises a plurality of program chain numbers corresponding to the program chains of common catalog information and the title catalog information, catalog pointers pointing to locations on the storage medium of the program chains, and the auto presentation table has playback time information which appropriately and automatically plays back the catalog information, using the real-time playback information obtained from the audio data while each recorded item of the title catalog information is played back, and information on the playback location of the catalog information, so that the auto presentation information table has information on the still picture and sub-picture to be played back within the catalog information when a user has not input commands while one item of the title catalog information is played back.

21. (CURRENTLY AMENDED) A method of playing back data recorded on a storage medium having an audio region and a catalog information region other than the audio region, the method comprising:

reading encoded audio data and linking information from the audio region;
~~and~~ reading encoded catalog information from the catalog information region and which is related to the read audio data according to the read linking information, ~~wherein the encoded~~

audio data and the encoded catalog information are stored on the storage medium, wherein the catalog information ~~includes~~ including a still picture for a background image, a sub-picture for a caption, and navigation information for controlling the still picture and the sub-picture; and decoding the encoded audio data and the encoded still picture, sub-picture and navigation information read from the storage medium according to the read linking information.

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22. (ORIGINAL) The method according to claim 21, further comprising:
storing the read encoded still picture and sub-picture prior to reading the encoded audio data from the storage medium.

23. (NEW) A method of playing back data recorded on a storage medium, the method comprising:

reading encoded audio data and catalog playback information from a first region of the storage medium;

reading encoded catalog information related to the read encoded audio data according to the read catalog playback information, the catalog playback information connecting the catalog information with the audio data during reproduction of one of the audio data and catalog information; and

playing back the read audio data, and, according to the catalog playback information, a played back catalog information using the navigation information,

wherein:

the catalog information is in a second region other than the first region and which comprises:

a catalog management (CMG) region having management information on the catalog information, and

a catalog title set (CTS) in which at least one catalog title including the catalog information related to each item of the audio data is recorded, and

the at least one catalog title comprises

at least one still picture,

at least one sub-picture, and

navigation information controlling the still picture and the sub-picture.
